



Philadelphia to Mayaguez, Porto Rico

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Commenced with light		
2						east winds at 730		
3						here about 8 miles out. Lat 8 45m. Suffered		
4						much & got under way. Light baffling winds		
5						at 1000. Weather clearing. S. 10 m. by this winds		
6						by nautical account		
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

O. W. Foss C. C. Foss F. C. Foss C. H. Foss Foss

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Tuesday 24 th day of	1877
1						This day commences with light		
2						S. E. winds. Passing to S. 43 m		
3								
4								
5						At 5 P.M. Cape May lights		
6						bearing N. W. dist 15 m.		
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Wednesday day of	1877
1						Commenced & continued		
2						Narrowly to the day with		
3						light baffling winds		
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Thursday 26 th day of	1877
1						Moderate weather		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Logway.	Remarks.	Friday 27 th day of July 1871
1	4		SSE	SW		Modest weather	
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8	5		SSE	"			
9			SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4	4		SSE	"			
5	6		SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9	6		SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9			SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9			SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9			SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9			SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9			SSE	"			
10			SSE	"			
11			SSE	"			
12			SSE	"			
1			SSE	"			
2			SSE	"			
3			SSE	"			
4			SSE	"			
5			SSE	"			
6			SSE	"			
7			SSE	"			
8			SSE	"			
9	</						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks.
1	3		S	N		Moderate weather
2					8 1/2	
3					2	
4						At 4 P.M. jacked ship
5			SSE	N		
6					250	
7	2		SSE	SSE		
8						6 P.M. wind moderate with
9	3					some rain
10	15		SSE 1/2 E	SSE	250	
11	6				8 1/2	
12					2000	
1					125	At 9 P.M. jacked ship to
2					2125	SSE 1/2 E
3					2850	
4	15				4975	
5					65	
6					11475	Middle of
7	6					Leath. first moderate breeze
8						and cloudy weather
9						
10						No observations this day
11						Obs 68 11 11 430
12	6					Leath. 1st breeze
			SSE 1/2 E	107	104	31 33.06 41 68.45 12

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks.	Day of 1877	
1	5		SE by E	W		Commenced with moderate	28 th July	
2						breeze and fine weather		
3								
4						59 E		
5						54 9		
6						91 0 m		
7	4					08		
8	3					28 6		
9						29		
10	2					88		
11								
12						Middle part squally		
1						Be		
2						88		
3						LE		
4						At 4 A.M. Chud up light sail		
5	3					but no wind to speak of; we then		
6	2					made sail again		
7	2							
8								
9	3					Little part moderate		
10								
11								
12								
SE 5	14	50	84	154	Let 08	Let 18	Let 30	Obs 10
					32 16	32 12	67.30	67.18 - 67.15

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Windy day of 30 th July 1877
1	2		SSW	SE		Moderate with occasional squalls	
2						At 4 PM closed up light sail	
3						for a squall. At 5 PM set them	
4						again	
5			SSW				
6							
7	3					Midnight light breeze near SSW	
8	4					sea making up and continuing	
9	5					to the end	
10	2		SESE				
11						At 230 Tacked ship 8-90 7	
12							
1							
2							
3	2		SESE SSW			Stiffer fair light breeze & pleasant	
4						weather	
5							
6							
7							
8							
9							
10							
11							
12							

Philadelphia Toward Nagasaki Porto Rico

Hours.	Knots.	Half knots.	Courses.	Winds.	Lee-way.	Remarks.	Thursday 21 st day of Aug 1877
1	3		S'E	SSW		At 6 AM commenced with heavy squalls sea & moderate breeze	
2							
3							
4							
5							
6							
7			S'E				
8	3		SE				
9			SSW				
10							
11			SW	SSE		At 10 PM wind hazy sailing we were ship	
12	8						
1							
2							
3							
4			W			At midnight weather squally and blowy heavy with heavy rain sea was double rapid & mail	
5							
6							
7	2					but ship making no water	
8							
9			WSW			At 11:30 shifted sail between main & fore rigging washing some boards clapping to cargo overboard	
10							
11	2					Little part weather still continues squally & hard with heavy rain	
12							

Hours.	Knots.	Half knots.	Courses.	Winds.	Lee-way.	Remarks.	Wednesday 20 th day of Aug 1877
1	3		S'E	SSW		At 6 AM commenced with heavy squally weather ship labouring heavy At 1 PM were ship	
2							
3							
4							
5							
6							
7	3						
8							
9							
10							
11							
12							
1	3		WSW	SSW		At 12 midnight at anchor	
2							
3							
4							
5							
6							
7							
8	3		SE			At 8 AM were ship to E. head latter part weather moderating but heavy rain continuing to rain	
9							
10							
11							
12							

Philadelphia Toward Nagasaki Porto Rico

Hours.	Knots.	Half knots.	Courses.	Winds.	Lee-way.	Remarks.	Thursday 21 st day of Aug 1877
1	3		S'E	SSE		Commenced with moderate breeze but heavy sea from SSW	
2							
3							
4							
5							
6	3		S'E 1/4 S			At 1 PM shook one reef out of main sail and fore sail	
7							
8							
9							
10							
11							
12							
1	3						
2							
3							
4							
5	4		S'E 1/4 S	SW			
6							
7							
8	3						
9							
10							
11							
12							

Hours.	Knots.	Half knots.	Courses.	Winds.	Lee-way.	Remarks.	Friday 22 nd day of Aug 1877
1	3		S'E 1/4 S	SSE		Commenced moderate with occasional squalls	
2							
3							
4							
5							
6							
7							
8							
9							
10	3						
11							
12							
1							
2							
3							
4							
5							
6							
7							
8	3		SSW	SW			
9							
10							
11							
12							

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Day of	1877
1	4		SSE	SW	1/4	Commercial moored	July 4 th	Aug
2								
3								
4								
5						1. Port Lundy		
6								
7								
8								
9								
10								
11	15		SSE					
12								
1	4					Middle part of the day		
2						and continuing without		
3						change until the end		
4								
5			SSE					
6								
7								
8								
9								
10	15					At 6 A.M. set all light sails		
11								
12								
1	108		SSE	SW	1/4	Observed 65 63 40		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1	15		SSE	SW	1/4	This day commences with a	Aug 5 th	1877
2						fast breeze and pleasant		
3								
4								
5						At 6 P.M. breeze still fresh		
6	4					and we took in all light		
7						sails		
8								
9								
10						Midnight came with occasional		
11						squalls		
12						At 2 A.M. squall came		
1	3		SSE	SW	1/4	where we double reefed		
2						mainsail		
3								
4								
5								
6								
7	3	1						
8						At 8 A.M. weather looking		
9						better we took out one reef		
10						from mainsail; weather		
11						continuing without alteration		
12								
1	90	75	SSE	SW	1/4	Observed 65 63 40		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Philadelphia Toward Maryland Port Rico						
Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Monday day of 6 th Aug 1877
1	3		SSE	SM	1/2	Commenced with fresh breeze & squally
2						
3						
4						
5						
6						
7	"		"	"		
8						
9						
10						At 10 PM weather looking squally from SW & SE with sharp lightning we took in flying jib
11						
12						
1						
2	"		"	"		
3						
4						Middle part attended with occasional squalls of rain
5						At 7.30 saw a sail bound to the Eastward
6						At 8.30 saw a hook & eye of main sail
7	"		"	"		
8						latter part moderate and pleasant
9						
10						
11						
12						
	SE/SE/SE	80	70	37	28.03	28.00 80 60.35
Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Tuesday day of 7 th Aug 1877
1	3		SE	SSW		Commenced and continued moderate & pleasant unto the end
2						
3						
4						
5	2					
6						
7						
8						
9	2					
10						
11						
12						
1	1		ESSE	"		
2						
3			WS	S		At 6 AM saw a Barge bound Eastward
4						
5	1					
6			SE	SSW		
7						
8	2					
9						
10	1					
11						
12						
						Lat 27.41 Lon 60.00 69.45

Philadelphia toward Mazaguez Porto Rico

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of Aug 1877
1	2		SW S	SE		Commenced moderate	
2	2						
3							
4							
5							
6							
7							
8							
9							
10	2						
11							
12			"	E			
1						Midnight continues moderate	
2							
3							
4							
5	2						
6							
7	3						
8	4						
9							
10							
11						Lat 24.44	
12	4	1/2	SW 1/2 W	SE		Lat 24.44	
						Lon 60.13	

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Thursday day of Aug 1877
1	5		SW S	E NE		Commenced with fresh breeze and fair weather	
2	6						
3	6						
4	5						
5	5						
6	5						
7	5						
8	6						
9	7						
10	7						
11	6					Midnight squally with increasing SSE sea. Took in light sail at 11 P.M.	
12	6						
1	6						
2	6						
3	6						
4	6						
5	5						
6	5						
7	6						
8	6					At 7 A.M. weather looking better set outer jib & topsails	
9	6						
10	7						
11	7						
12	7					Lat 24.46	
						Obs. 24.46	
						Lon 60.13	

Philadelphia toward Mazaguez Porto Rico

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Friday 10 th day of Aug 1877
1	6		SW S	NE		Commenced with fresh breeze & pleasant weather	
2							
3						At 6:30 P.M. breeze increasing we took in topsails & outer jib	
4						At 11 P.M. wind still increasing on attended with much lightning and sea from southward, we double reefed fore & main sail & took in flying jib	
5	7						
6							
7							
8							
9							
10	8						
11							
12							
1	5		"	E NE			
2	3						
3							
4	4						
5							
6						At 7 A.M. weather moderating we set all sail again	
7	"						
8							
9						Heavy sea making from SE	
10							
11						Lat 23.10	
12	4	1/2	SW 1/2 W	"		Lat 23.10	
						Lon 63.08	

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	Sat 11 th day of Aug 1877
1	4		SW S	E NE		At 1 P.M. wind breezing again we took in topsails and outer jib	
2						At 3 P.M. double reefed fore & main sail & furl'd flying jib. Weather squally	
3							
4	3		SW S				
5	3		NE	SW			
6	2		SE	W		At 5 P.M. heavy sea running & squally from SW rising we wore ship took in fore & main sail & sent topsail	
7	1					At 6 P.M. wind veered to W thence to N.W. heavy squall striking again from that quarter. Then the weather continued unsettled till 11 P.M. and then moderated still looking unsettled up to the end of this day	
8	2						
9	1						
10	1						
11	1		SE S	W			
12	1						
1	1						
2	1						
3	1		SSW	NE			
4	1						
5	1						
6	1						
7	2		SSW	E		At 7 A.M. set staysail	
8	2						
9	2						
10	2					Lat 22.56	
11	2						
12	2					Lon 63.09	

Philadelphia Toward Havana Porto Rico

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Sunday day of 12 th Aug 1877
1	4		S 1/2 S	E 1/2 E		Commenced moderate
2	5					At 1 P.M. made all sail
3						Sunday Monday
4						Sunday Monday
5						Sunday Monday
6						Sunday Monday
7						Sunday Monday
8						Sunday Monday
9	7					Sunday Monday
10						Sunday Monday
11						Sunday Monday
12						Sunday Monday
1						Midnight & Letter fast - continued pleasant weather
2						Midnight & Letter fast - continued pleasant weather
3						Midnight & Letter fast - continued pleasant weather
4						Midnight & Letter fast - continued pleasant weather
5						Midnight & Letter fast - continued pleasant weather
6						Midnight & Letter fast - continued pleasant weather
7						Midnight & Letter fast - continued pleasant weather
8						Midnight & Letter fast - continued pleasant weather
9						Midnight & Letter fast - continued pleasant weather
10						Midnight & Letter fast - continued pleasant weather
11						Midnight & Letter fast - continued pleasant weather
12						Midnight & Letter fast - continued pleasant weather

S 1/2 S 144 Lat 20.59 N Lon 84.42 W

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Monday day of Aug 1877
1			S 1/2 S	E 1/2 E		Commenced with moderate breeze & fine weather
2						
3						
4						
5						
6			S 1/2 S			
7						
8						
9						
10						Midnight and Letter fast continuing without change
11						
12						
1						
2						
3						
4						
5						
6			S 1/2 S			At 6 A.M. made land supposing to be Port. S. Juan
7						
8						
9						
10			S 1/2 S	E		
11			S 1/2 S			
12						

S 1/2 S 155 128 88 1851 92 66.14 66.20

Philadelphia Toward Havana Porto Rico

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Tuesday day of 14 th Aug 1877
1	7		S 1/2 W	E 1/2 E		Moderate weather
2	7					
3	7					
4	6					
5	6					
6	5					
7	4					
8	3					
9	2					At 6 P.M. Port. S. Juan bearing S 1/2 W dis 8 mls
10	1		N 1/2 W	N 1/2 W		
11	1					
12	1					
1	1					
2	1		W	W		Midnight Light S. Juan bearing W dis 10 mls
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1		N 1/2 W	N 1/2 W		At 12 noon Havana bearing S 1/2 W dis 8 mls
11	1		S 1/2 W	Light		Change all sails
12	1					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Wed 15 th day of Aug 1877
1						Moderate breeze and fine weather
2						
3						
4						
5						At 3 P.M. Pilot came on board; and at 3.30 we came to anchor opposite the town with 15 fms chain on anchor & fasted all sail; & made all arrangements for discharging cargo of 15 day following.
6						
7						
8						
9						
10						
11						
12						
1						At Custom House Boat tickets and Cops sent on shore.
2						
3						
4						
5						
6						Thursday Aug 16 th
7						
8						
9						
10						
11						
12						

Commenced to discharge cargo 8 hours; finished deck load 40 hours.

Sailing in Port of Nagasaki

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of
1						Sunday July 27 th Discharging Cargo for day 76.46	18
2						Monday August 1 st 38.23	
3						Sunday 18 th Discharging Cargo all day finishing	
4						Sunday 18 th general arrangement at 10 PM	
5						Sunday 18 th and making out the day on lumber	
6						Sunday 18 th in the hole	
7						Sunday 18 th very	
8						Sunday 18 th very	
9						Sunday 18 th very	
10						Sunday 18 th very	
11						Sunday 18 th very	
12						Sunday 18 th very	
1						Sunday 18 th very	
2						Sunday 18 th very	
3						Sunday 18 th very	
4						Sunday 18 th very	
5						Sunday 18 th very	
6						Sunday 18 th very	
7						Sunday 18 th very	
8						Sunday 18 th very	
9						Sunday 18 th very	
10						Sunday 18 th very	
11						Sunday 18 th very	
12						Sunday 18 th very	

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of
1						Monday August 2 nd 47.25	18
2						Monday August 2 nd 65.00	
3						Monday August 2 nd 77.25	
4						Monday August 2 nd 77.25	
5						Monday August 2 nd 77.25	
6						Monday August 2 nd 77.25	
7						Monday August 2 nd 77.25	
8						Monday August 2 nd 77.25	
9						Monday August 2 nd 77.25	
10						Monday August 2 nd 77.25	
11						Monday August 2 nd 77.25	
12						Monday August 2 nd 77.25	

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of
1						Monday August 2 nd 109.66	18
2						Monday August 2 nd 54.82	
3						Monday August 2 nd 109.66	
4						Monday August 2 nd 54.82	
5						Monday August 2 nd 109.66	
6						Monday August 2 nd 54.82	
7						Monday August 2 nd 109.66	
8						Monday August 2 nd 54.82	
9						Monday August 2 nd 109.66	
10						Monday August 2 nd 54.82	
11						Monday August 2 nd 109.66	
12						Monday August 2 nd 54.82	

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of
1						Monday August 2 nd 109.66	18
2						Monday August 2 nd 54.82	
3						Monday August 2 nd 109.66	
4						Monday August 2 nd 54.82	
5						Monday August 2 nd 109.66	
6						Monday August 2 nd 54.82	
7						Monday August 2 nd 109.66	
8						Monday August 2 nd 54.82	
9						Monday August 2 nd 109.66	
10						Monday August 2 nd 54.82	
11						Monday August 2 nd 109.66	
12						Monday August 2 nd 54.82	

Lon 65° 44'

Conver = di 61 Lat 25.07 = Leon 70.53 RL 7100

Aracibo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Thursday 4th day of Sept 1877</i>
1	4		<i>W 1/2 N</i>	<i>W 1/2 N</i>		<i>Moderate weather thru 24 hours; with heavy S.E. sea making</i>
2						
3						
4						
5						
6			<i>N 3/4 N</i>			
7						
8						
9	2					
10			<i>N 1/2 W</i>			
11	1		<i>N 1/2 W</i>			
12						
1			<i>N 1/2 E</i>	<i>N 1/2 W</i>		<i>At 12 midn. at anchor ship to N & Eastward</i>
2						
3	2					
4						
5						
6						
7	3					<i>Pumps well attended too</i>
8						
9			<i>N 1/2 W</i>	<i>N 1/2 W</i>		
10	2					<i>At 8 Am Jacked to Masthead</i>
11						
12						

Lat 25.40 N. Lon 68.49 71.80 West

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Wed 5th day of Sept 1877</i>
1	2		<i>N 1/2 W</i>	<i>N 1/2 W</i>		<i>Moderate baffling light breezes thru 24 hours.</i>
2	1	1/2				
3	1	1/2				
4						
5						
6						
7						<i>Keel making water pump pumps well attended too</i>
8						
9						
10						
11						
12						
1	1					
2						
3						
4						
5						
6	0					
7						
8						
9	1	1/2				
10						
11						
12						

Lat 25.51

Lon 71.56

Aracibo Toward Philadelphia U.S.A

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Thurs 6th day of Sept 1877</i>
1	1		<i>N 1/2 W</i>	<i>N 1/2 W</i>		<i>Moderate thru 24 hours without change</i>
2	1					
3	2		<i>N 1/2 E</i>	<i>N</i>		
4	2					
5	1					
6	1					
7	1					
8	1		<i>N 1/2 W</i>	<i>N 1/2 W</i>		
9	1					
10	1					
11	1					<i>Pumps well attended too</i>
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	2		<i>N 1/2 W</i>	<i>N 1/2 E</i>		
10	2					<i>At 8 Am more indications of S.E. & Easterly weather</i>
11	2					
12	3					

Lat 26.15 N Lon 72.20 W

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Sept 7th day of Friday 1877</i>
1	2		<i>N 1/2 W</i>	<i>N</i>		<i>Moderate thru 24 hours</i>
2	1					
3	1					
4	1					
5	1					
6	1					
7	1		<i>N 1/2 W</i>	<i>N</i>		
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					<i>Heavy calm middle part</i>
3	1		<i>N 1/2 E</i>			
4	1					
5	1					
6	1					
7	1					
8	1					
9	1		<i>N 1/2 W</i>			
10	2					
11	2					
12	2					

Lat 26.30

Lon 72.40 West

Arceibo toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Saturday 8th day of Sept 1877</i>
1	2		N	SE		Moderate then 24 hours
2	2					
3						
4	3					
5	3					At 2 P.M. saw sail steering S.W.
6	3					
7	3		NW	E		
8	4					
9						
10	3					
11						
12						
1	2					
2			N	S		No change unto the end
3						
4						
5	2					
6						
7	3					
8						
9	2		NW	S		At 10 A.M. saw sail steering apparently for Hold in the Hall
10						
11						
12						
Lat 27 35						Long 72 58 West

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Sun 9th day of Sept 1877</i>
1	2		NW			Commenced moderate
2						
3						
4						
5						
6	3					
7						
8						Midnight squalls
9						
10	4		N			
11						
12						
1						Pumps attended too
2	5		NW			At 6 A.M. saw a sail steering southerly
3						
4			NW			
5						
6	4					
7						
8						
9			NW			Later fast moderate
10						
11	4					
12						
Lat 28 44						Long 73 10 W

Arceibo toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Monday 10th day of Sept 1877</i>
1	3		NW	SE		Moderate and pleasant with occasional squalls then 24 hours
2						
3						
4						
5	2					
6						
7						
8						
9						Pumps attended too carefully
10						
11						
12						
1	3		N			
2	4					
3	2		NW			At 2.30 A.M. saw a steamer steering N.E. then
4						
5	3					
6						
7	2					
8						
9						
10						
11						
12						
Cor 7 1/4 di 57 dpl 56 dpl 12 Lat 29 35 Long 73 25						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <i>Tuesday 11th day of Sept 1877</i>
1	2		NW	S		Moderate and pleasant then 24 hours with increasing breeze toward latter part
2						
3						
4						
5						
6						
7						Pumps attended too but schooner not making as much water as anticipated probably to her runs (which became opposed by lying off and to the run in port) becoming swollen
8						
9						
10	3					
11						
12			NW	S		
1						
2	4					
3						
4	5					
5	3					At 7 A.M. saw a sail steering apparently NW
6						
7	4					
8	4					
9	3					
10						
11						
12	3					
Cor 7 1/2 di 71 dpl 62 dpl 33 dpl 38 Lat 30 41 Long 74 01						

1	1	SE	Moderate weather - and light
2	1		buffing winds
3	2		Heavy rain making
4	2		from SE. At 9.30 we judged
5	3		to have passed over Southern
6	3		boundary of Gulf stream
7	4		
8	4		
9	5		
10	5		
11	5		
12			
1	1 1/2	S	Midnight weather looking
2			squally. Took in light sail
3	15	SE	Pump attended to but not making
4			as much water as when we came
5			out from Recife
6		E	At 3 AM wind shifted and
7	13	SE	rain fell in torrents for two
8			hours with much thunder
9			and lightning At 5 AM moderate
10			breeze from NE sprang up
11	16	SE	continuing to SE and 7 AM
12			
			Later part moderate breeze
			and cloudy weather with some
			rain
			Loss 74.59.11

Aracibo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Sunday 16 th day of Sept 1877
1			N	S		Moderate weather & Cloudy
2						
3	16		WNW			
4						
5						Squally at 8 P.M. & heavy SE
6						saw Schooner Cubana heavy
7	7					we hauled down mainsail
8						and furl'd it
9						
10	0 Calm					Pumps attended too
11						
12						
1	2		NW	ENE		Midnight squally
2	2					
3	2			SE		
4	2					
5						Current NRE 2 knots
6	7					
7						At 4 A.M. weather looking
8						better we set mainsail and
9						furl'd it. Judging our
10	6			NE		relies to the NW northern
11						edge of the stream
12						Later part light NW breeze and
Lat 36.42 Long 74.50						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Monday 17 th day of Sept 1877
1	3		WNW			Moderate pleasant weather
2						the color of the water we judge
3						to be on sandbars
4						
5						At 5 P.M. a steamer furl'd
6			N			us bound to Northward
7	2					
8	1					No change
9						
10	0 Calm					
11						
12						Light baffling winds
1						
2						
3	2		WNW			
4	2					
5	2					
6	2					Pumps attended too
7	1					
8	1		N			
9	1					Later part a light breeze from
10	1					NE
11	2					At 10 A.M. we sighted what we judged
12	2					to be Kill Devil hills
Lat 36.17 Long 75.08						

Aracibo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Tuesday 18 th day of Sept 1877
1			N	SE		This day commences moderate. At
2						sunk a heavy bank was thrust
3						rising in P.M. at 10 P.M. wind
4						coming to westward we furl'd
5						ship furl'd mainsail and
6						cuter jib
7						
8						At midnight no further change
9						at 130 the weather clearing up
10						in the A.M. and a moderate
11						breeze; we set all sails
12						At 2 P.M. over Annapolis
1						bearing N 1/2 W dis 18 mls. At
2			N 1/2 E	W		3.30 A.M. wind suddenly coming
3						to N.W. and backing on we
4						took in all light sail and
5			NRE	NW		double reef'd mainsail at
6			WSW	NRE		5 A.M. wind coming to NRE
7						and still backing on and looking
8						heavy; we wore ship and stood
9						away for Hampton Roads
10			S 1/2 S			At 8 A.M. Key Island bearing N 1/2 W
11			S 1/2 S			dis 8 mls. At noon Cape Henry bearing
12						N 1/2 S dis 8 mls

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Wed 19 th day of Sept 1877
1						This day commences with fresh
2						breeze and cloudy weather
3						At 4 P.M. we came too in
4						Hampton Roads with 20 fms
5						chain at water edge in 7 fms
6						water. Sails furl'd & Pumps
7						attended too
8						
9						
10						
11						Midnight & later part no
12						marked change;
1						
2						
3						
4						
5						Later part of this day current NE
6						weather cloudy and signs of rain
7						Pumps attended too. Eng aged respy
8						Main & Fore Castles
9						
10						
11						
12						

Arcebo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <u>Thurs 20th day of Sept 1877</u>
1						This day commences cloudy wind NE blowing fresh and inclinations of rain At 5 P.M. paid out chain 30 fms on water edge Pump attended too and at 8 P.M. at anchor water
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						Middle & Latter part fresh breeze & rain Wind NE
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Day in Hampton Roads

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <u>Friday 21st day of Sept 1877</u>
1						This day commenced with rain & heavy SE gale; and reports of a hurricane approaching already as far as the East Gulf States Pump attended too
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						Latter part pleasant weather wind NE. Engaged setting up main rigging
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Arcebo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <u>Sat 22nd day of Sept 1877</u>
1						commences moderate & pleasant wind N. E. Engaged finishing main rigging
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						Middle & Latter part moderate & pleasant wind N.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Pump attended too

Day in Hampton Roads

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, <u>Sunday 23rd day of Sept 1877</u>
1						commences moderate & pleasant wind N. E.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						At 2 Am light breeze rose and we got under way and stood out of the harbor At 7 Am wind shifted in from N.E. and at 10 Am did not calm; tide running and we were compelled to come to anchor on south side of the bay near Cape Henry At noon we hoisted up and got under way again wind light
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Arcebo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Monday 24 th day of Sept 1871
1						
2						Commenced moderate wind
3						E. continuing later in the day to
4						the southward. At 8 P.M. Cape
5						Charles bearing N.W. dist 8 mls
6						
7						
8						Middle part light southerly
9						breeze At 2 P.M. Hay Island
10						bearing N.W. dist 12 mls
11						
12						
1						From 15 to 10 Calm
2						
3						
4						
5						
6						Later part light breeze from
7						SE.
8						
9						
10						Lat at noon 31° 28' N. lon.
11						75° 30' West
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Tuesday 25 th day of Sept 1871
1	3		N 2/4 E	S		Moderate winds light southerly
2						breeze
3						
4	4					
5	5		NE			At 10 P.M. Cape Charles bearing
6						S.W. dist 16 mls
7						At 11 P.M. Greenwich
8						Island bearing N.W. dist 15 mls
9			NE	S.W.		
10	4					
11	3					
12	3					
1	2					From midnight to 10 A.M.
2						Calm
3						
4						
5						
6						
7						At 10 A.M. Greenwich Island
8						bearing N.E. dist 12 mls
9						
10						
11	2		N 2/4 E	SE		Later part of the day light
12	3			S		breeze from S.E. At noon
						Island bearing N.W. dist 8 mls

Arcebo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Wed 26 th day of Sept 1871
1	4		N 1/2 E	S.E.		Moderate winds light
2	4					breeze
3	4					
4	4					At 8 P.M. Greenwich
5						Island bearing N.W. dist 2 mls
6						
7						
8						At 6.30 P.M. Pentagon
9						bearing N.W. dist 10 mls
10						
11						
12						At 8 P.M. Pentagon bearing
1						N.W. dist 4 mls
2						
3						
4						Midnight moderate breeze
5						wind light bearing S.E. dist
6						4 mls
7						
8						At 4 A.M. Crossed edge
9						light breeze N.W. dist 5 mls
10						
11						Surf calm
12						At 4 A.M. Crossed edge breeze S.E. dist
						2 mls

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Thursday 27 th day of Sept 1871
1						Thickly commenced with
2						light S.E. breeze
3						
4						
5						
6						
7						At 7 P.M. Ship John
8						bearing E.S.E. dist 1 mile
9						
10						
11						
12						At 12 midnight Binn
1						Race Point bearing N.E.
2						dist 4 mls Breeze light
3						
4						
5						At 1.30 A.M. Breeze died out
6						and fog coming in thick
7						we were obliged to anchor
8						off Rich Island. At 9 A.M. fog
9						cleared up & light easterly
10						breeze springing up we got under
11						way again
12						

Anacabo Toward Philadelphia

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 1871
1			7200			Commenced modest with light - Southeast & easterly breeze At 5 PM set the flag and the doctor's boat - paid us a visit - At 7 PM wind died out and we let go anchor in five fathoms of water off the Schuylkill and set abster watch Pumps attended too At 2 AM got under way wind light from Eastward and at 7 AM wind died out and then rilly down we let go anchor off French Creek River At 10 AM tug Charley - Lawrence came along side and towed us to Pier 89 where we moored fuelled sails Pumped ship and discharge two of the crew
2			4037			
3			3163			
4			2000			
5			1163			
6			304			
7			275			
8			2889			
9			113			
10			6496			
11			6502			
12						
1			65.04			Off Loss 1/2 W.H.C. 1/2 Min. Mercantile 1/2 L. Gil 1/2 C. C. 1/2 A.B.P. 1/2 a. 1/2 e. 1/2
2			5691			
3			4065			
4			32.52			
5			16.26			
6			16.26			
7			16.26			
8			813			
9			813			
10			26.16			
11			25.16			
12			4			
Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18

1			Sat Sept 25			Laying at Pier 39 waiting for permit to discharge
2			32.52			
3			16.26			
4			4.8.78			
5			50			Laying waiting at Pier 39
6						
7						
8			Monday Oct 1			Commenced discharging and at 10 AM all out correct and in good order. P.M. discharged all hands
9			65.04			
10			813			
11			73.17			
12						
1			Tuesday "			Laying waiting for freight and having some caulking done
2						
3						
4						
5						
6						
7			Wednesday "			Finished caulking and collected freight and towed to Pier Richmond to land coal for Newport
8						
9						
10						
11						
12						

Philadelphia Toward Newport, R.I.

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1			Thursday Oct 9			Took in some coal. weather rainy. P.M. and night strong gales. Log safely
2						
3						
4						
5			Friday "	5		Took in about 40 more tons coal and waited R.R. damaged so coal could not come in
6						
7						
8						
9						
10			Saturday "	6		finished local in and proceeded down the river in night of Newcastle Del
11						
12						
1						
2						
3						
4			Sunday "	7		Working down river in noon near Ship John shoal at 6 P.M. anchored at Del Breakwater wind S.E. and cloudy 149
5						
6						
7						
8						
9						
10			Monday "	8		Wind S.E. fresh latter part rainy. found 10 vessels sunk and two ashore at 4 P.M. changed anchorage
11						
12						
Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18

1			Tuesday "	9		S.A.M. commenced getting anchor and getting underway in noon after between Cape May & Therborough lights. 6 P.M. abreast of Atlantic City
2						
3						
4	39					
5	57					
6						
7						
8						
9						
10						
11			Wednesday "	10		First part light wind and pleasant weather with a heavy S.E. sea Middle part near calm. Lat 40 39.57. 2 P.M. wind freshened up at S.E.
12						
1						
2						
3						
4						
5						
6						
7						
8						
9			Thursday "	11		At 3 A.M. made Shinnecock light at 11 do Montauk Point and at 4 P.M. anchored in Newport fresh gales and rainy. 5 do hauled in evening clear
10						
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1						Friday Oct 12. 1877. Clear and cool. Gale from W.W. commenced discharging.		
2								
3								
4								
5						Saturday " 13 " Finished discharging at 5 A.M. 3 P.M. drifted off into the harbor and waited for some new sail from Boston until 9 P.M. got them on board and sailed at 11.40 for New York.		
6								
7								
8								
9								
10								
11								
12								
1						Sunday " 14 " Working up Long Island Sound passed in the Race at 6 A.M. middle part calm. Late part wind went out light. Midnight off Saybrook light hills.		
2								
3								
4								
5								
6								
7								
8						Monday " 15 " Very moderate or calm. 6 A.M. a breeze of Freshland. Noon near South shore. Midnight near Stratford Port.		
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1						Tuesday " 16 " First part moderate wind at 5 A.M. 12 noon near Eaton Neck P.M. fresh gale from W.W. 5 P.M. took a tug near Shoji Point and proceed through Bell Gate and at 8 P.M. anchored in Erie Basin.		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11						Wednesday " 17 " Laying in E. Basin heading new sail. Wind N.E. to S.W. via S.W. warm and clear.		
12								
1								
2								
3						Thursday " 18 " Laying in Basin heading new sail. Wind South & light.		
4								
5								
6								
7						Friday " 19 " Lay in E. Basin scrubby pitch at 4 P.M. then hove up and tacked to lie 15 E. N. New York.		
8								
9								
10						Saturday " 20 " Laying in dock scrubby pitch wind N.E. and some rain.		
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1						Oct 24 Commenced taking cargo for Samuel.		
2								
3								
4								
5						Oct 25 Taking cargo.		
6								
7						Oct 26 Taking cargo. Wind E.S.E. and stormy.		
8								
9								
10								
11								
12						Oct 27 All these 24 hours light Easterly winds and passing clouds at 9 A.M. finished taking cargo at 10 A.M. Crew came on board at 6 P.M. took steam from dock and came to anchor on Jersey flats in 5 fathoms water.		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1						Sunday 28 Oct All these 24 hours light winds from the South West and cloudy lying at anchor on Jersey flats.		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

From New York towards Jacmel

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Monday day of 29 Oct 18
1						Commences strong
2						SW winds and passing
3						clouds
4						
5						at 3 o'clock made
6						sail weighed anchor
7						and started on a
8						voyage from NY to
9						Jacmel Haiti
10						
11						at 6 PM Sandy Hook
12						Bore South
1						Wind SSW WSW
2						at 8 PM Highland
3						light bore SW winds
4						about 9 miles So ends
5						Harbor Journal
6						This day consists
7						of 12 hours
8						
9						
10						
11						
12						

Courses Corrected for Squary and Dev

SSW WSW

From St Y Towards Jacmel

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Wednesday 31 day of Oct 18
1	6		SS E	SE E		Commences with light
2	6					SE Easterly winds and cloudy
3	6					all sail set
4	5					
5	4					
6	4					
7	3		SE E			at 6 P.M. furled
8	3					outer jib
9	2					
10	2					
11	2					
12	5		South			
1	6		SE E			Later hours light
2	6					Southerly air and
3	6					passing clouds
4	5					no Ob
5	3					
6	3					Lat by D R 39=18
7	3					Long " " 72 24
8	3					
9	3		S			
10	3		SW W South			
11	3					
12	3		SE			

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, 30 day of Oct 18
1						Commences with light
2						SW winds and passing
3						clouds at 12 o'clock
4						PM wind changed
5						to SE E fided ship
6						
7						all sail set
8						
9	3		SE E			
10	5		" "	SW		
11	6		" "			Pumps carefully
12	6		" "			attended
1	6		" "	SE E		
2	8		" "			Lat by D R 39=18
3	8		" "			Long 73=11 W
4	8		" "			
5	4		SE E			
6	4		" "			
7	6		SE E			
8	6		" "	SE E		
9	6		" "			
10	7		" "			
11	7		" "			
12	7		" "			

Courses Corrected for Variation

SE E

SE E

SE E

Course 1st Det Def
SE E 7L 64 48

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Thursday 1 day of Nov 1877
1	2		SE E	SE		Commences with light
2	2					Southerly air and cross
3	2					sea
4	1					
5	0		Put in			
6	0					at 6 PM furled main
7	1					sail
8	7		South SE	SE W		
9	7		S SE E			
10	8					at 7 PM wind chang
11	7		SE E			ed to SE W
12	8					
1	8		SE E			
2	8					Later hours strong
3	8					
4	8					Breezes and clear
5	8					at 8 o'clock A.M. set
6	8					single Reefed main sail
7	8					
8	8					
9	8					
10	8					Lat 36 12 Long 71 4
11	8					
12	8					

From N.Y. Towards Pacmel

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Sunday 3 day of Nov 18
1	5		SE 1/2 S	North		Commences with light
2	5					Breezes and clear weather
3	5					all sail set
4	4		SSE			
5	4					
6	4			SE		at 2 PM turned reef
7	3					out mainsail
8	3					
9	4					Set Gaff Topsail
10	4					
11	4					
12	4		South			
1	2			SSE		Middle and latter
2	1		SW			Hours moderate
3	1					
4	2					Pumps carefully
5	3					attended
6	3					
7	3					
8	3					Lat by Obs 34° 31'
9	3					Long by D R 70° 26'
10	3					
11	3					
12	3					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Saturday Day of Nov 18 17
1	2		SE			Commences with
2	2		" "			strong southerly winds
3	2		" "			and heavy sea
4	2			SSW		
5	2					at 12 noon tacked
6	2					Ship to the Eastward
7	2					
8	4		" "			at 4 PM single
9	4		" "			reefed mainsail
10	3		" "			
11	3		" "			at 10 PM single
12	3		" "			reefed fore sail
1	3		" "			
2	3		" "			
3	3		" "			
4	3		" "			Latter hours more
5	4		" "			moderate at 11 AM
6	4		" "			turned reef out of
7	4		" "			fore sail set flying
8	4		" "			jib at
9	4		" "	SSW		
10	4		" "			Lat by Obs 33° 41'
11	4		" "			Long by D R 69° 22'
12	4		" "			

From N.Y. Towards Pacmel

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Sunday 4 day of Nov 18
1	5		SE 1/2 E	SE		Commences with strong
2	4					Gales from the SW
3	3					
4	3					at 1 o'clock PM wind
5	4					changed to SE in a
6	5					squall furled flying
7	7		" "	" "		jib
8	7		" "	" "		
9	7		" "	" "		
10	7		" "	" "		
11	8		" "	" "		
12	8		" "	" "		at 6 PM set flying
1	8		" "	" "		jib
2	8		" "	" "		
3	9		" "	" "		
4	9		" "	" "		at 11 PM set fore
5	9		" "	" "		gaff topsail
6	9		" "	" "		
7	10		" "	" "		
8	10		" "	" "		Latter hours strong
9	10		" "	" "		SE winds and
10	10		" "	" "		cloudy no Obs
11	10		" "	" "		
12	10		" "	" "		Lat by D R 30° 58' Long by D R 67° 16'
180						
2° 43'						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Monday 5 day of Nov 18
1	10		SE			All these 24 hours
2	10					strong SE Gales
3	10					and frequent showers
4	10					
5	10					at 4 PM furled
6	11		SE			fore gaff topsail
7	10					
8	10					
9	9					Middle hours
10	9					
11	6					Strong winds and
12	6					heavy cross sea
1	6					
2	6					
3	6					
4	6					Latter hours moderate
5	4					
6	6					at 11 AM set whole
7	5					mainsail and
8	5					gaff topsail
9	6					
10	6					Lat by Obs 28° 35'
11	6					Long by D R 66° 28'
12	6					

From N. G. Towards Pearl

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Sunday 6 day of Nov 18
1	3		S by W & N E			all these 24 hours
2	3					light variable winds
3	3					and calm all sail
4	3					set
5	3					at 3 o'clock P.M.
6	3					Spoke Bark Sapadala
7	4		S by W S E & E			of N. G. from Cadiz for
8	6					Gloucester Mass
9	5					
10	4					
11	4					
12	4					
1	4		S S W			
2	4					
3	4					Later hours
4	4					Moderate winds and
5	4					clear weather
6	4					
7	4					
8	4		S W			Lat by Obs 25° 01
9	2					Long by D R 66° 55
10	2					
11	2					
12	3					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, Wed 9 day of Nov 18
1	2		S W	South		Commences with
2	2					Light southerly wind
3	2					and frequent showers
4	2					
5	4		S by E	E N E		
6	4					
7	4					at 7 P.M. took strong
8	6					Breeze from the
9	5					E S E
10	5					
11	6					
12	4					
1	4					Later hours
2	4					Strong Breezes and
3	4					clear all sail set
4	4					
5	4					Lat by Obs 25° 15
6	4					Long by D R 66° 55
7	4					
8	5					
9	5					
10	7					
11	8					
12	8					

From Havana Towards N. G.

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						Thursday Dec 13
2						
3						All these 24 hours
4						Strong North winds
5						and heavy sea
6						at 6 P.M. single
7						reefed main sail
8						and furled flying
9						jib at 12 P.M.
10						moved ship to the
11						eastward at 4 P.M.
12						moved ship to the
1						westward at 8 P.M.
2						single reefed
3						fore sail at 10 P.M.
4						moved ship to the
5						eastward at night
6						St. Nicolas mole
7						born N. E. distance
8						12 miles
9						So ends the day
10						
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						Friday Dec 14
2						
3						All these 24 hours
4						Strong N. N. E. Bales
5						and heavy sea
6						
7						tacking and
8						increasing ship in
9						order to hold the
10						line at 12 noon
11						St. Nicolas mole
12						born N. E. dist
1						about 15 miles
2						So ends the day
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

From Maragane Towards N.E.

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Started at Dec 17		
2								
3						All these 24 hours		
4						Strong winds and		
5						heavy sea at 2 PM		
6						Spoke Sch. Arrive		
7								
8						Barton from		
9						Navasa for Wilming		
10						ton N.E.		
11						at 8 PM fueled		
12						present wind blowing		
1						from the N.E.		
2								
3						Boat's hours more		
4						moderate at 9 AM		
5						set whole fore sail		
6								
7						tacking and as		
8						required to hold		
9						the land. Nicolas		
10						mole bearing S.W.		
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Sunday Dec 16		
2								
3						All these 24 hours		
4						Strong winds and		
5						heavy sea		
6								
7						at 10 A.M. Spoke		
8						Sch. Marion		
9						Champion from		
10						Navasa for Wilming		
11						ton N.E.		
12								
1						Boat's hours		
2						moderate		
3								
4						tacking and		
5						waiting as		
6						required to hold		
7						the land		
8								
9						St. Nicolas mole		
10						Bearing S.W.		
11								
12								

From Maragane Towards N.E.

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Monday Dec 17		
2								
3						Commenced with		
4						moderate N.W. by		
5						Winds		
6								
7						Middle hours		
8						Strong S.W. by		
9						at 4 PM Spoke		
10								
11						Sch. Leonora		
12						from Maragane		
1						for N.E. 1 Bark		
2						4 Brigs and		
3						7 Schooners		
4								
5						under the masts		
6						waiting for a chance		
7						to get North		
8								
9						tacking and		
10						waiting as before		
11						to hold the land		
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Tuesday Dec 18		
2								
3						All these 24 hours		
4						weather continues		
5						unchanged and		
6						still blowing from		
7						the N.E. and		
8						rough sea		
9								
10						Position unchan		
11						ged		
12						So ends the Log		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

San Blas

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Wednesday Dec 1		
2								
3						All these 24 hours		
4						weather the same		
5								
6						At 10 A.M. Single		
7						reef set		
8						for sail		
9						position unchanged		
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Thursday Dec 20		
2								
3						All these 24 hours		
4						moderate winds from		
5						the S. S. E. and		
6						very S. E. at 4		
7								
8						At 10 A.M. hauling		
9						down and furled		
10						main sail from		
11						5 to 8 Port water		
12						engaged setting up		
1						chain rigging		
2								
3						at noon position		
4						unchanged from		
5						yesterday		
6						S. E. Encls		
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Friday Dec 21		
2								
3						Commenced with		
4						light variable winds		
5						and heavy sea		
6								
7						at 1 P.M. wind		
8						blew up from		
9						East set all sail		
10								
11						latter hours		
12						frequent showers		
1						fell at 8 P.M.		
2						sails		
3						at noon		
4						Jacobas note from		
5						South Dist 25		
6						miles from which		
7						I take my departure		
8						to run for		
9						Danger		
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Saturday Dec 22		
2								
3						All these strong		
4						gales and frequent		
5						showers		
6						at 2 o'clock		
7						P.M. made the		
8						Island of		
9						San Blas		
10						at 4 P.M. at 5 P.M.		
11						at 11 P.M. made		
12						Castle Island light		
1						at 4 P.M. more		
2						Ship to the East		
3						for San Blas		
4						S. E. wind E. P. E.		
5						and blowing heavily		
6						at noon up with		
7						for San Blas		
8								
9								
10								
11								
12								

$$\begin{array}{r} 18.74 \\ 20.64 \\ \hline 39.38 \\ 26.98 \\ \hline 66.36 \end{array}$$

From Maracaibo January 23

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Sandy Sea 23		
2						At 10 AM 24 hours		
3						Strong breeze and		
4						frequent showers		
5						At 4 PM hauled		
6						down and put		
7						down and put		
8						down and put		
9						down and put		
10						down and put		
11						down and put		
12						down and put		
1						At 12 midnight		
2						Set foresail and		
3						filled away at 2 AM		
4						passed Bird Rock		
5						light		
6						At 11 AM made		
7						watering Island		
8						lashing over the		
9						and run day		
10						lashing W 5/8		
11								
12								

Harrook

9231

529665

57/98

5985

86 E 88

Monday Dec 24

Commenced with strong winds and squally at 3 o'clock

76/13

65 204

Lance R. Ford
Harrook
30000

From Maracaibo January 23

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						East		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Harrook
Lance R. Ford
30000

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
--------	--------	-------------	----------	--------	---------	----------	--------	----

1						Wednesday Dec 25		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

5.5
2.1

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

5.1
1.2
64
26, 25-
64
26, 99

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

47.5-6
26.99
20, 8.7

21
14
45-
6
5-1
90.40
15.2
45.9
1.8
47.5-6
90
2
2790
10

From Pungwaue Toward S. 9

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1	9		North			Thursday Dec. 27		
2	9					Commences with		
3	9					strong W 3 W later		
4	9					at 6 PM furled		
5	9					fly ing jib single		
6	9					the reefed fore sail		
7	9					at 12 double reefed		
8	9					foresail mainsail		
9	9					and furled it		
10	9							
11	9							
12	9							
1	9					Middle hours		
2	9					equally running		
3	9					under foresail and		
4	9					jib		
5	9					at 2 A M set single		
6	9					reefed mainsail		
7	9					and flying jib		
8	9							
9	9					later hours		
10	9					Calm		
11	9					Lat by Obs 34 14		
12	9							

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1						Friday Dec 28		
2						Commences with		
3						light variable winds		
4						and partially cloudy		
5						at 6 PM wind		
6						spring up from the		
7						S E furled flying jib		
8						and single reefed		
9						foresail at 12 AM		
10						Ship to the westward		
11						double reefed main and		
12						foresail and set then		
1						reefed jib and furled		
2						it a heavy sea running		
3						and blowing heavily		
4						from the North		
5						all this day in the		
6						gulf stream for which		
7						I allow 30 miles S E		
8								
9						Lat by Dr 34 - 45		
10						Long " " 74 33		
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1	1		S. 5 W			Saturday Dec 29		
2	1							
3	1					all these 24 hours		
4	1					strong S E gales		
5	1					going to under		
6	1							
7	1					double reef		
8	1					heading to the		
9	1					westward at 4 PM		
10	1					won sail to the East		
11	1							
12	1							
1	2					at 11 A M more		
2	2					to the North set		
3	2					reefed jib single		
4	2					the main and		
5	2					foresail at 8		
6	1					double reefed mainsail		
7	1							
8	1							
9	1							
10	1					Lat by Obs 35 26		
11	1							
12	1							

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
1	1		S. E			Sunday Dec 29 1877		
2	1					Comes in with strong		
3	1					East gales and		
4	1		S. S W			rough sea		
5	1							
6	1					at 3 o'clock PM		
7	1					worship wind		
8	1					increasing to a heavy		
9	1					gale at 6 PM		
10	2					furled jib at 11 PM		
11	2					got a east of the		
12	2					head found we had		
1	1					but 35 fathoms water		
2	2		S. S W			at 1 o'clock wind chan		
3	4					ged suddenly to the westward		
4	4					and hauled down foresail		
5	4					set jib at 8 A M set		
6	2					single reefed foresail		
7	4					and double reef out of		
8	5					mainsail at 10 AM		
9	5					turned reef out of foresail		
10	5					set flying jib		
11	5							
12	5					Lat by Obs 36 71		

From Maragoane towards New York

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks, day of 18
1	5		N or N			Monday Dec 31
2	5					Commenced with
3	5					light S W winds and
4	5					fair weather at 4 P.M.
5	5					turned reef out of
6	5					mainsail at 11 P.M.
7	5					wind changed to
8	5					S or W and increas-
9	4					ed to a gale, terrible
10	4					reped main and
11	4					fore sail furled and
12	1		SSE			at 5 P.M. shifted
1	2					a heavy sea & tore
2	2					gally washed her pole
3	2					of after hatch
4	2					no O
5	2					
6	2					
7	2					Lat B D R 36 34
8	2					
9	2					
10	2					
11	2					
12	2					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks, day of 18
1	3		SSE	N or N		Tuesday Jan 1 1878
2	3					Commenced with a
3	3					heavy gale from the North
4	3					a tremendous sea
5	3					ruining vessel laboring
6	3		S by W			heavily
7	7			N or N		at 6 P.M.
8	7					found we could lay to
9	7					no longer with safety
10	7					hauled down mainsail
11	7					and kept off
12	7					
1	7					Middle and latter
2	7					hours more moderate
3	7					at 8 A.M. hauled
4	7					to the westward on
5	7					the wind and set
6	7					2 reefed mainsail
7	7					
8	3		SW			Lat by Obs 34 44
9	3					" " D R 34 39
10	3					
11	3					
12	3					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks, day of 18
1	3		SW	N or N		Wednesday Jan 2
2	3					Commenced with fine
3	3					Breezes and clear weather
4	3					all sail set
5	3					at 12 midnight
6	3					turned reef out of
7	3					fore sail & set going
8	3					down
9	3					at 4 A.M. set whole
10	3					mainsail and all
11	3					light sails
12	3					
1	3					Latter hours
2	3					moderate
3	3					
4	3					Lat by Obs 34 30
5	3					" " " D R 34 34
6	3					
7	3					
8	3		N or N	SW		
9	5					
10	5					
11	6					
12	5					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks, day of 18
1	5		N or N	N or N		Thursday Jan 3
2	6					Commenced with fine
3	6					Breezes and clear weather
4	6		N or N			all sail set
5	3					at 2 P.M. shifted
6	3					fore topsail sent at once
7	3					deck furled flying
8	3					jib and all light sails
9	3					and hauled to the
10	3					North
11	3					at 4 P.M. single
12	3					reefed fore and main
1	3					sail at 10 o'clock
2	3			West		double reefed mainsail
3	3					furled jib
4	2					
5	2					Lat by Obs 35 05
6	2					
7	2					all this day in the
8	2					Gulf for about 9
9	2					above 30 miles N.E.
10	2					
11	2					
12	2					

From Marazone Towards N.Y.

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1	0			N.E		Friday Jan 4 1878		
2	0					Commences with		
3	0					Strong winds and		
4	0					high sea		
5	6							
6	1							
7	1					Middle hours		
8	6		N.W. & S.E			moderate		
9	6							
10	6							
11	6					After hours		
12	6					Strong South Gale		
1	6					with rain		
2	6							
3	6							
4	6					Lat by Obs 36° 28'		
5	6					Long by S.R. 75-15-00		
6	10							
7	10							
8	10							
9	10							
10	10							
11	9							
12	7							

In the Port of New York

Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
					Saturday Jan 6		
					All these 24 hours		
					fine Gale from the west		
					and clear weather		
					At 7 o'clock A.M. arrived		
					off Staten Island		
					received a visit from		
					the Gov got permit		
					to come to town		
					came to anchor at red		
					Rock in 6 fathoms		
					water		
					This day consists of		
					36 hours to commence		
					harbor journal		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1	6		N & W	West		Saturday Jan 5		
2	6							
3	6					Commences with strong		
4	6		South			southerly Gale with		
5	6					much rain at 1 o'clock		
6	6					P.M. arrived over to		
7	6		N. & W.			the wharves		
8	7					After hours		
9	7					moderate at 4 o'clock		
10	7					A.M. made Chimney		
11	7					light bearing N. & W.		
12	7					dist about 12 miles		
1	3					at 12 o'clock up with		
2	3					Cape Henlopen		
3	4							
4	6							
5								
6								
7								
8								
9								
10								
11								
12								

Direction and Force of wind

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Sunday Jan 7		
2								
3						All these 24 hours		
4						Strong Westerly Wind		
5						and clear weather		
6								
7						At 4 o'clock P.M.		
8						took steam to Camp		
9						Store, made fast		
10						along side the wharf		
11								
12						Ends this		
1						day		
2						Tuesday Jan 8 22 1878		
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1			S by W			Tuesday Jan 27 1874
2						Commenced with fine
3						and the ship
4						with the sails
5						and the sails
6						and the sails
7	2		S by W	West		at 4 P.M. the ship
8	2					at A.M. and the
9	2					sat flying the
10	2					turned out the
11	2					
12	2					Lat by part of the
1	3			W by N		sat the sails
2	3					so ends the 24 hours
3	3					
4	3					
5	3					
6	4					
7	4					
8	4					
9	6					
10	6					
11	6					
12	6					Lat by Cos 52 19 N

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1	13		S by W	W		Wednesday Jan 28 1874
2	13					Commenced with the
3	5					from the W and
4	5					from the weather
5	4					
6	6					middle part of the
7	4					hauled to the
8	4					the ship and the
9	4		S by W			light so the
10	4					
11	4					Lat by part of the
12	6					and the ship
1	6		W by E	West		so ends the 24 hours
2	5					
3	5					
4	5		South			
5	5					
6	5					
7	6					
8	7					
9	7					Lat by Cos 29 36 N
10	7					to the ship
11	7					
12	7					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1	4		S by W	SE		Thursday Jan 29 1874
2	4					Commenced with the
3	4					gals from the
4	4			SE		the sails
5	4					and the sails
6	4					to the ship
7	4					heavy the sails of the
8	4					and the
9	4					
10	4					Lat by part of the
11	4		S by W	East		gals from the
12	4					and the sails
1	4					the 24 hours
2	4					
3	4					
4	6		S by W	SE		
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					Lat by Cos 26 41 N
11	4					to the ship
12	4					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1	4		S by W	SE		Friday Feb 1 1874
2	4					Commenced with the
3	4					gals and the
4	4					of the sails
5	4					at E Cal P.M. took
6	4					the ship
7	3					left the ship
8	3					heavy the sails
9	3					at the
10	3					the sails
11	3					to the ship
12	3					and the sails
1	3					so ends the 24 hours
2	2		S by E	SW		
3	2					
4	2		South	West		Lat by part of the
5	2					from the ship
6	3					pleasant weather
7	3					and the ship
8	3					
9	3					
10	3					Lat by Cos 26 41 N
11	3					to the ship
12	3					

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1	3		SW	W		Friday Feb 2. 1878		
2	3					at 10 AM		
3	3					at 11 AM		
4	3					at 12 PM		
5	3					at 1 PM		
6	3					at 2 PM		
7	3			West		at 3 PM		
8	3					at 4 PM		
9	3					at 5 PM		
10	3					at 6 PM		
11	3					at 7 PM		
12	3					at 8 PM		
1	3					at 9 PM		
2	3					at 10 PM		
3	3					at 11 PM		
4	3					at 12 AM		
5	3		SW			at 1 AM		
6	4					at 2 AM		
7	4					at 3 AM		
8	5					at 4 AM		
9	5					at 5 AM		
10	5					at 6 AM		
11	5					at 7 AM		
12	5					at 8 AM		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1	4		SW	W		Sunday Feb. 3. 1878		
2	4					at 10 AM		
3	4					at 11 AM		
4	4					at 12 PM		
5	4					at 1 PM		
6	4		SW			at 2 PM		
7	4					at 3 PM		
8	4					at 4 PM		
9	4		SW			at 5 PM		
10	4					at 6 PM		
11	4					at 7 PM		
12	4					at 8 PM		
1	4					at 9 PM		
2	5					at 10 PM		
3	5					at 11 PM		
4	5					at 12 AM		
5	5					at 1 AM		
6	5					at 2 AM		
7	5					at 3 AM		
8	5					at 4 AM		
9	5					at 5 AM		
10	5					at 6 AM		
11	5					at 7 AM		
12	5					at 8 AM		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1	4		SW	W		Monday Feb 4. 1878		
2	4					at 10 AM		
3	4					at 11 AM		
4	4					at 12 PM		
5	5					at 1 PM		
6	5			SE		at 2 PM		
7	5					at 3 PM		
8	6					at 4 PM		
9	6					at 5 PM		
10	6					at 6 PM		
11	6					at 7 PM		
12	6					at 8 PM		
1	6					at 9 PM		
2	6					at 10 PM		
3	6					at 11 PM		
4	5					at 12 AM		
5	5					at 1 AM		
6	5					at 2 AM		
7	6			South		at 3 AM		
8	6					at 4 AM		
9	6					at 5 AM		
10	6					at 6 AM		
11	6					at 7 AM		
12	6			SW		at 8 AM		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1	4		SW	W		Tuesday Feb 5. 1878		
2	4					at 10 AM		
3	4					at 11 AM		
4	4					at 12 PM		
5	4					at 1 PM		
6	4		SW			at 2 PM		
7	4					at 3 PM		
8	4					at 4 PM		
9	4					at 5 PM		
10	4		West			at 6 PM		
11	4					at 7 PM		
12	4					at 8 PM		
1	4					Wednesday Feb 6. 1878		
2	4					at 10 AM		
3	4		SW			at 11 AM		
4	4					at 12 PM		
5	4					at 1 PM		
6	4					at 2 PM		
7	4					at 3 PM		
8	4					at 4 PM		
9	4					at 5 PM		
10	4		SW			at 6 PM		
11	4					at 7 PM		
12	4					at 8 PM		

In the Port of Maragoni Haiti

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						At 8 o'clock the boat came on board		
2						The Capt went on the		
3						laying in the stores		
4						all hands engaged in		
5						ships duty		
6						Friday Feb 8		
7						All of this day fine		
8						weather rafted of the		
9						best load and hands		
10						in tank got the skulls		
11						and got ready to go		
12						discharging cargo		
1						Saturday Feb 9		
2						All of this day fine		
3						weather all hands engaged		
4						in discharging cargo		
5								
6								
7								
8						Sunday Feb 10		
9						All of this day fine		
10						pleasant weather		
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Monday Feb 11		
2						All of this day fine		
3						pleasant weather all		
4						hands engaged in dis		
5						charging cargo		
6								
7						Tuesday Feb 12		
8						Fine pleasant weather		
9						All hands engaged in		
10						discharging cargo		
11								
12						Wednesday Feb 13		
1						Fine pleasant weather		
2						finished discharge		
3						Cargo clear of deck		
4						so ends this day		
5								
6						Thursday Feb 14		
7						Fine pleasant weather still		
8						hands engaged in ship		
9						duty		
10								
11								
12								

In the Port of Maragoni Haiti Feb 1848

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Friday Feb 15		
2						Fine pleasant weather		
3						commenced to take		
4						in a cargo of logs		
5						wood for New York		
6								
7						Saturday Feb 16		
8						All hands engaged in		
9						ships duty taking		
10						in cargo		
11								
12						Sunday Feb 17		
1						All of this day fine		
2						pleasant weather		
3								
4						Monday Feb 18		
5						Fine pleasant weather		
6						all hands engaged		
7						in ships duty & crew		
8						from shore loading		
9						the cargo		
10								
11						Tuesday Feb 19		
12						All of this day fine		
1						weather taking in		
2						cargo crew work on		
3						the vessel		
4								
5								
6								
7								
8								
9								
10								
11								
12								

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
1						Wednesday Feb 20		
2						Fine weather taking		
3						in cargo all hands		
4						engaged in ships		
5						duty		
6						Thursday Feb 21		
7						Fine weather still top		
8						ing in the cargo all		
9						hands engaged about		
10						the vessel filling		
11						weather crew getting		
12						ready for sea at 5		
1						O'clock P.M. finish		
2						loading		
3								
4						Friday Feb 22		
5						At 2 o'clock A.M. crew		
6						ordered to leave aft		
7						for the steamer at 5		
8						A.M. vessel was		
9						with a light breeze		
10						off of the land slope		
11						anchors secured the		
12						deck load and got res		
1						dy for sea Middle and		
2						later part lite wind		
3						pleasant weather		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
--------	--------	-------------	----------	--------	---------	----------	--------	----

Saturday Feb 23 All of these 24 Hours light variable winds and pleasant weather all hands engaged in ships duty. At 10 AM. Cape Rock light bore 10 miles this day being the 24 hours at 10 AM. Cape Rock light bore 10 miles this day

Sunday Feb 24 First and Middle part of these 24 Hours light variable winds and pleasant weather at 3 o'clock PM. Cape Rock light bore 10 miles this day being the 24 hours at 3 o'clock PM. Cape Rock light bore 10 miles this day

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
--------	--------	-------------	----------	--------	---------	----------	--------	----

Monday Feb 25 1848 These 24 Hours light winds from the ENE to NW and pleasant weather at 12 o'clock noon Gateways light bore 10 miles this day

Tuesday Feb 26 1848 First part of these 24 Hours light winds from the NW and pleasant weather at 12 o'clock noon Miraporo Island bore 10 miles this day

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
--------	--------	-------------	----------	--------	---------	----------	--------	----

Wednesday Feb 27 1848 This day fresh breeze from the ENE and cloudy at 5 PM. Bird Rock light bore 10 miles this day being the 24 hours at 5 PM. Bird Rock light bore 10 miles this day

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks,	day of	18
--------	--------	-------------	----------	--------	---------	----------	--------	----

Thursday Feb 28 1848 Commences with fresh breezes from the ENE and cloudy at 3 PM. Watling Island light bore 10 miles this day being the 24 hours at 3 PM. Watling Island light bore 10 miles this day

Left by Obs 25.21.47

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of 18
						Friday March 1. 1878	
1	4		NW	W		Commenced with	
2	4					fresh breeze from	
3	4		NW			the west and pleasant	
4	4					weather middle part	
5	4					more moderate with	
6	4					the wind backing too	
7	5		NW	W		the northward	
8	4					scatter part wind	
9	3					howling to NE at	
10	3		NE			6 o'clock 4 M. over ship	
11	3					to NW with	
12	3					a heavy sea from	
1	2		NE NW			NE so ends	
2	2					these 24 Hours	
3	2						
4	2						
5	2						
6	3		NW NE				
7	3						
8	2						
9	2						
10	2						
11	2						
12	2						

Set by Obs 2.61.34

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of 18
						Saturday March 2. 1878	
1	2		NW	W		First part of these 24	
2	2					Hours light wind from	
3	2					W and pleasant	
4	2					weather	
5	3						
6	3					Middle and latter	
7	3					wind fresh and	
8	4					and blowed fresh	
9	5					with a heavy sea	
10	5					from the S & vessel	
11	5					labouring hard	
12	5					so ends these	
1	6					24 Hours	
2	6						
3	6						
4	6						
5	7		NW NE				
6	7						
7	7						
8	7						
9	7						
10	7						
11	7						
12	7						

Set by Obs 27.41.1

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of 18
						Sunday March 3. 1878	
1	6		NW	SE		First part of these 24	
2	5					fresh gales and blood	
3	5						
4	4					Middle and latter	
5	4		NW			part gale increas	
6	4					ing too reefed	
7	4					and chain sail	
8	5					and stowed the	
9	5		North	SW		flaming fib which	
10	6					at looking bad with	
11	6		NE			the barometer a	
12	6					falling fast	
1	8						
2	8					so ends these 24	
3	8		NE			Hours	
4	8						
5	8		NW				
6	8						
7	8						
8	8		NW	SW			
9	8						
10	9		NW				
11	9						
12	9						

Set by Obs 30.47.1

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of 18
						Monday March 4	
1	7		NW	SW		Commenced with	
2	7					fresh gale from	
3	7					SW and heavy	
4	8					sea on at 8 forced	
5	8					four sails and	
6	8					keel of before the	
7	8					sea at 6 o'clock gale	
8	8		SE			increasing with	
9	8					squalls with hail	
10	8					and rain took in	
11	9					chain sail and	
12	9					before the sea gal	
1	9					increasing with	
2	9					remains sea	
3	9					running	
4	9						
5	9						
6	9						
7	9						
8	9						
9	9						
10	9						
11	9						
12	9						

so ends these 24 Hours

2099 2/6/32
 6299 day of 3066 18

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.
1	6		E. N. E.	W. S. W.		Tuesday March 8 1898
2	6	6299	E. N. E.	W. S. W.		These 24 Hours commenced
3	6		E. N. E.	W. S. W.		with a heavy gale
4	6		E. N. E.	W. S. W.		S. S. W. still running
5	6		E. N. E.	W. S. W.		before the wind and sea
6	6		E. N. E.	W. S. W.		at 5 P. M. set the top reef
7	6		E. N. E.	W. S. W.		four sail gale about the
8	6		E. N. E.	W. S. W.		same middle part
9	6		E. N. E.	W. S. W.		more moderate at 6 A
10	6		E. N. E.	W. S. W.		M. L. T. reef main sail
11	6		E. N. E.	W. S. W.		Scatter part wind 24
12	6		E. N. E.	W. S. W.		hauled to the N. W.
1	6		E. N. E.	W. S. W.		and were moderate
2	6		E. N. E.	W. S. W.		with a heavy sea
3	6		E. N. E.	W. S. W.		running four sail
4	6		E. N. E.	W. S. W.		laboring hard
5	5		E. N. E.	W. S. W.		16050
6	5		E. N. E.	W. S. W.		So ends these 24
7	4		E. N. E.	W. S. W.		Hours
8	4		E. N. E.	W. S. W.		Seated by Obs 32 40 N
9	4		E. N. E.	W. S. W.		
10	4		E. N. E.	W. S. W.		
11	3		E. N. E.	W. S. W.		
12	0		E. N. E.	W. S. W.		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.
1						Wednesday March 6 1898
2						Though out these 24
3						Hours light winds
4						and pleasant weather
5						with a heavy sea
6						Sails forelet the most
7						of the time to keep
8						them from slatting
9						off of her
10						at took a light breeze
11						from the S. S. W.
12						made all sail
1						So ends these 24
2						Hours
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.
1	2		N. N. W.	S. S. W.		Thursday March 7 1898
2	3		N. N. W.	S. S. W.		These 24 Hours commenced
3	4		N. N. W.	S. S. W.		with light winds from
4	5		N. N. W.	S. S. W.		the S. S. W. and pleasant
5	6		N. N. W.	S. S. W.		weather
6	7		N. N. W.	S. S. W.		Middle and latter part
7	7		N. N. W.	S. S. W.		fresh gals from the
8	7		N. N. W.	S. S. W.		west and cloudy at
9	7		N. N. W.	S. S. W.		7 o'clock A. M. made
10	7		N. N. W.	S. S. W.		base Hatter's boring
11	8		N. N. W.	S. S. W.		W. dis 8 miles at
12	8		N. N. W.	S. S. W.		12 o'clock today, light
1	8		N. N. W.	S. S. W.		light bore, N. W. W.
2	8		N. N. W.	S. S. W.		dis. 7 miles
3	8		N. N. W.	S. S. W.		So ends these 24
4	8		N. N. W.	S. S. W.		Hours
5	8		N. N. W.	S. S. W.		
6	8		N. N. W.	S. S. W.		
7	8		N. N. W.	S. S. W.		
8	8		N. N. W.	S. S. W.		
9	8		N. N. W.	S. S. W.		
10	8		N. N. W.	S. S. W.		
11	8		N. N. W.	S. S. W.		
12	8		N. N. W.	S. S. W.		

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.
1						Friday March 8 1898
2						These 24 Hours commenced
3						with fresh breeze
4						from S. S. W. and
5						pleasant weather at
6						at 12 o'clock M. D. bore
7						Charles bore W. S. W. dis
8						5 miles
9						Scatter Hours light
10						variable winds and
11						pleasant weather
12						So ends these 24
1						Hours
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						<i>Tuesday March 10</i>
2						<i>A.D. 1848</i>
3						Throughout these 24
4						Hours light winds from
5						the N.E. to E. and
6						pleasant weather
7						at 12 noon
8						bore Hembopese
9						light bore west by
10						North dis 3 miles
11						ends this day
12						
1						<i>Sunday March 10 A.D. 1848</i>
2						
3						first part of these 24
4						Hours light winds
5						from the E. and
6						pleasant weather
7						middle and latter
8						part calm and
9						pleasant weather so
10						ends these 24 hours
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						<i>Monday March 11 1848</i>
2						Commenced with
3						light winds from
4						the S.W. and pleasant
5						weather at 2 o'clock
6						P.M. Pilot came on
7						board and 12 M.P.
8						came to anchor
9						in the lower harbor
10						got under way at
11						3 o'clock A.M. pro
12						ceed up to the town
1						and at 5 P.M. hauled
2						in to the Empire
3						towers and got
4						ready to discharge
5						cargo so ends this
6						day being 26 hours
7						long to be up to
8						low time and harbor
9						lay
10						
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						<i>Tuesday March 12</i>
2						<i>A.D. 1848</i>
3						Thought this day strong
4						N.E. winds and rain
5						laying at the Empire
6						Stores
7						
8						<i>Wednesday March 13. 1848</i>
9						
10						
11						This day light variable
12						and pleasant weather
1						commenced discharge
2						in cargo took off
3						the deck load so ends
4						this day
5						
6						
7						
8						
9						
10						
11						
12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
1						
2						
3						
4						
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12						

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks, day of 18
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Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
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Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
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10								
11								
12								

HD Thracker & Pork 20
 JB Fish 20
 D Trunks 3 1/2 x 2
 BB Heiny Boys 600
 7 400
 8 20 Boys of Fish 20
 9 20 Boys of Fish 20
 10 20 Boys of Fish 20
 11 20 Boys of Fish 20
 12 20 Boys of Fish 20
 1 20 Boys of Fish 20
 2 20 Boys of Fish 20
 3 20 Boys of Fish 20
 4 20 Boys of Fish 20
 5 20 Boys of Fish 20
 6 20 Boys of Fish 20
 7 20 Boys of Fish 20
 8 20 Boys of Fish 20
 9 20 Boys of Fish 20
 10 20 Boys of Fish 20
 11 20 Boys of Fish 20
 12 20 Boys of Fish 20

Jones & Company Flour 25 x 25
 Twenty 20
 Two 2
 One 1/2
 One base 1 Soaring Machine
 Two 2 Boys Sody Buck

Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
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Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeway.	Remarks.	day of	18
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Hours.	Knots.	Hours.	Knots.	Half Knots.	Courses.	Winds.	Leeaway.	Remarks,	day of
1		1						Out of Stores	
2		2						2 Bbls Flour	
3		3						3 " " Potatoes	
4		4						1 " " assorted Apples	
5		5						2 " " Beef	
6		6						1 " " Pork	
7		7						1 " " Onions	
8		8						1 Keg Tongues and Sides	
9		9						60 Lbs Cold Fish	
10		10						4 Hams	
11		11						600 Gallons Water	
12		12						and sundry small stores	
1		1						Stores when changed	
2		2							
3		3							
4		4							
5		5							
6		6							
7		7							
8		8							
9		9							
10		10							
11		11							
12		12							

Schoer Vm. R. Parcel of Boston
Capt C. P. Felt of Hancock Mch.
Outward Mc. Curtis Surry Mch.

Dec 10 24
8 boxes of Oil Moreck
20 " " " " " "
3 4 30 4
11
4 5

Hours.	Knots.	Half Knots.	Courses.	Winds.	Lee-way.	Remarks.	day of.
1	34						
2	33						
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[Handwritten scribbles and numbers]

